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HORIZONTAL AUTOCLAVE ZHA-100 DDV



Horizontal Autoclave



Description

ZHA-100 DDV standard mobile door steam sterilizer is one of the high-grade sterilization equipment developed and produced according to the latest requirements of the state for sterilization equipment.

It is a high-grade disinfection and sterilization device fully in line with the requirements of CSSD and GMP 2015. It is also an ideal replacement product for hospitals, pharmaceutical, biotechnology and other industries. The sterilizer can be widely used in the fields of pharmacy, bioengineering, medical and health care, laboratory animals, etc. it can sterilize the tools and instruments, sterile clothes, rubber plugs, aluminum caps, raw dressings, filters, culture media, various wastes and other articles with high sterilization requirements.

Specifications

Technical parameters		
Vessel design life		Internal tank s30408, jacket Q245R life 10 years (20000 sterilization cycles)
Design pressure of inner chamber		-0.1~0.3MPa
Jacket design pressure		0.3MPa
Built in steam generator (if any)		0.3MPa
Design temperature		150°C
Maximum operating temperature		138°C
Maximum working pressure		0.25MPa
Opening pressure of inner chamber safety valve		0.28MPa
Opening pressure of jacketed safety valve		0.28 MPa
Inner chamber hydrostatic test pressure		0.39MPa
Jacket test pressure		0.52 MPa
Temperature display accuracy		0.1°C
Pressure display accuracy		0.1KPa
Sterilization temperature control accuracy		±0.2°C
Temperature uniformity		±1°C
Amplitude and times of vacuum pulsation		Amplitude -80~0KPa, Frequency 1~99
Number of pulsations		Amplitude -80~80KPa, Frequency1
Times of positive 1~3 pressure fluctuation		1~3
Ultimate vacuum		-97 KPa
Vacuum leakage rate		≤0.13KPa/min
Surface temperature		The external surface temperature does not exceed the ambient temperature by 20°C
Dryness		The weight gain of fabrics after sterilization and drying does not exceed 0.6%, and that of utensils, tools and instruments after drying does not exceed 0.1%.
Tank size	Width × Height	610 × 910

Specifications

Tank size	Depth	1815
Steam Consumption	Volume	1000L
Dimensions	Steam Consumption	55
	Length X Width X Height	2120 × 1410 × 2100
	Weight	1550kg
Electrical Data	Power Supply	220±10% V, 50 Hz

Optional function: The equipment can be equipped with a steam generator, which is heated by an electric heating tube to generate steam for the operation of the equipment.